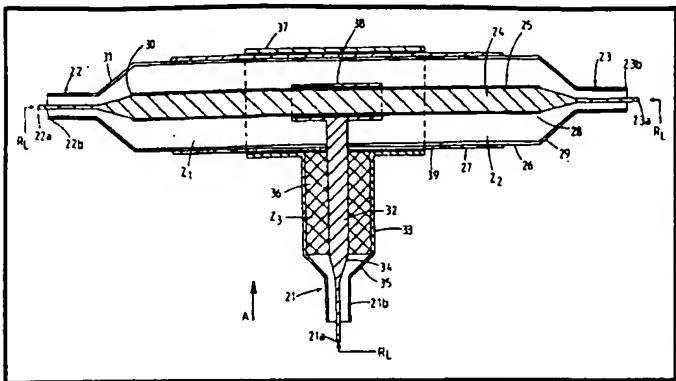


## Patent abridgement 274931



(57) A variable differential phase shifter provides a continuous variation in phase between two outputs derived from a single input. The device comprises an inner 38 and outer 37 sleeve capacitively coupled to an inner conductive rod 24 and outer conductive tube 26 respectively. The sleeves are connected to an input and can be moved in fixed relative relation, thereby varying the phase relationship between the two outputs which are connected to the inner rod and outer tube. A dielectric layer 25 and 27 may be provided around the inner rod and outer tube. The device is suitable for application at signal frequencies around 900 MHz.